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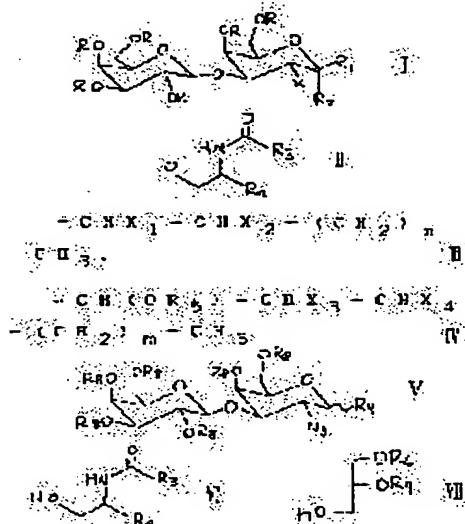
## (54) GLYCOLIPID AND PRODUCTION THEREOF

## (57)Abstract:

NEW MATERIAL: A compound expressed by formula I [R is H or lower acyl; X is NH3, NHCOCH3 or NH2; either R1 or R2 is H and the other is expressed by formula II [R3 is expressed by formula III (X1 is H and X2 is H, or X1 is OR5 and X2 is H, etc.); R4 is expressed by formula IV (X3 is H and X4 is H, or X3 and X4 are joined to form a double bond, etc.; R5 is H or acetyl, etc.); n and m are 10-25, etc.].

USE: A mammal is sensitized by said compound and produces antibody against glycolipid derivatives.

PREPARATION: An oligosaccharide expressed by formula V (R8 is lower acyl; R9 is OCOCH3, F, Cl, Br, O-C(=NH)CCl3, SCH3 or OH) is reacted with lipid having long alkyl chain expressed by formula VI or formula VII (R6 and R7 are 10-25C alkyl).



## LEGAL STATUS

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